

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:

WILSON, William Andrew

Group Art Unit: 1638

SERIAL NO:

10/769,576

Examiner:

FILED:

January 30, 2004

Confirmation No:

TITLE:

HYBRID MAIZE 33K39

INFORMATION DISCLOSURE STATEMENT FILED WITHIN THREE MONTHS OF FILING OR BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. § 1.97(b))

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Applicant directs the Examiner's attention to the following patents and/or other documents which may be material to the examination of this application. References that are U.S. patents are not required to be submitted. Copies of the references are enclosed. The Examiner is urged to consider these documents and make them of record in this application. This submission is not intended to constitute an admission of any kind, and in particular is not an admission that any patent, or other document referred to herein constitutes a printed publication or is otherwise properly citable as prior art with respect to this application. No representation is made that a search has been conducted or that no more material information

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than that cited herein exists. Accordingly, this submission is not intended to take the place of the Examiner's own independent search of the art.

A list of the patents and/or other documents is set forth on the attached Form(s) PTO-SA08B and SB/08B.

A copy of each of these documents or translations or abstract as appropriate, is attached or will be forwarded as soon as it becomes available.

Respectfully submitted, William Andrew Wilson

BY

Lila A. T. Akrad, Reg. No. 52,550 McKEE, VOORHEES & SEASE 801 Grand Avenue, Suite 3200 Des Moines, Iowa 50309-2721 Phone No. (515) 288-3667 Fax No. (515) 288-1338

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Attorneys of Record

Form PTO/SA08B (10-01)
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Substi	tute for form 1449A	VPTO		Complete if Known		
				Application Number	10/769,576	
INFORMATION DISCLOSURE				Filing Date	January 30, 2004	
STATEMENT BY APPLICANT				First Named Inventor	WILSON, William Andrew	
				Art Unit	1638	
(Use as many sheets as necessary)			cessary)	Examiner Name		
Sheet	1	of	4	Attorney Docket Number	P06647US00 - 1865	

U.S. PATENT DOCUMENTS							
Examiner Initials *	Cite No. ¹	<u>Document Number</u> Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	1	4,812,599	03/14/1989	Segebart			
	2	5,608,139	03/04/1997	Gogerty			
	3	6,091,007	07/18/2000	Hoffbeck et al.			
	4	6,124,531	09/26/2000	Fullerton			
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	8	6,313,384 B1	11/06/2001	Anderson			
	9	6,326,530 B1	12/04/2001	Carlone, Jr.			

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ - Kind Code ⁵ (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	,
	10	EP 160390	11/06/1985	Stauffer Chemical Co.		
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Substitut	e for form 1449B/F	РТО		Complete if Known		
				Application Number	10/769,576	
INFORMATION DISCLOSURE			SURE	Filing Date	January 30, 2004	
STATEMENT BY APPLICANT				First Named Inventor	WILSON, William Andrew	
				Group Art Unit	1638	
(Use as many sheets as necessary)			sary)	Examiner Name		
Sheet	2	of	4	Attorney Docket Number	P06647US00 - 1865	

Examiner	Louis	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Τ²
	11	Plant Variety Protection Act, Certificate No. 9700210 for Corn, Field 'PH05F' issued 02/05/2001	
	12	Plant Variety Protection Act, Certificate No. 9800354 for Corn, Field 'PH21T' issued 09/12/2001	
	13	Plant Variety Protection Act, Certificate No. 9900379 for Corn, Field 'PH2N0' issued 11/06/2001	
	14	Plant Variety Protection Act, Certificate No. 200000208 for Corn, Field 'PH2JR' issued 01/30/2002	
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	16	Berry et. al., Assessing Probability of Ancestry Using Simple Sequence Repeat Profiles: Applications to Maize Inbred Lines and Soybean Varieties" Genetics 165:331-342 (2003)	
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	18	Conger, B.V., et al. (1987) "Somatic Embryogenesis From Cultured Leaf Segments of Zea Mays", Plant Cell Reports, 6:345-347	
	19	Duncan, D.R., et al. (1985) "The Production of Callus Capable of Plant Regeneration From Immature Embryos of Numerous Zea Mays Genotypes", Planta, 165:322-332	
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	21	Fehr, Walt, Principles of Cultivar Development, pp. 261-286 (1987)	
	22	Green, et al. (1975) "Plant Regeneration From Tissue Cultures of Maize", Crop Science, Vol. 15, pp. 417-421	
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	24	Hallauer, A.R. et al. (1988) "Corn Breeding" Corn and Corn Improvement, No. 18, pp. 463-481	
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	28	Phillips, et al. (1988) "Cell/Tissue Culture and In Vitro Manipulation", Corn & Corn Improvement, 3rd Ed., ASA Publication, No. 18, pp. 345-387	
	29	Poehlman et al (1995) <u>Breeding Field Crop</u> , 4th Ed., Iowa State University Press, Ames, IA., pp. 132-155 and 321-344	
	30	Rao, K.V., et al., (1986) "Somatic Embryogenesis in Glume Callus Cultures", Maize Genetics Cooperative Newsletter, No. 60, pp. 64-65	
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Substitute for form 1449B/PTO Complete if Known **Application Number** 10/769,576 Filing Date January 30, 2004 INFORMATION DISCLOSURE WILSON, William Andrew First Named Inventor STATEMENT BY APPLICANT Group Art Unit **Examiner Name** (Use as many sheets as necessary) Sheet of Attorney Docket Number P06647US00 - 1865 NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. Cite No. 1 Examiner T Initials * 32 Smith, J.S.C., et al., "The Identification of Female Selfs in Hybrid Maize: A Comparison Using Electrophoresis and Morphology", Seed Science and Technology 14, 1-8 Songstad, D.D. et al. (1988) "Effect of ACC(1-aminocyclopropane-1-carboyclic acid), Silver Nitrate & 33 Norbonadiene on Plant Regeneration From Maize Callus Cultures", Plant Cell Reports, 7:262-265 Tomes, et al. (1985) "The Effect of Parental Genotype on Initiation of Embryogenic Callus From Elite 34 Maize (Zea Mays L.) Germplasm", Theor. Appl. Genet., Vol. 70, p. 505-509 35 Troyer, et al. (1985) "Selection for Early Flowering in Corn: 10 Late Synthetics", Crop Science, Vol. 25, pp. 695-697 36 Umbeck, et al. (1983) "Reversion of Male-Sterile T-Cytoplasm Maize to Male Fertility in Tissue Culture", Crop Science, Vol. 23, pp. 584-588 37 Wan et al., "Efficient Production of Doubled Haploid Plants Through Colchicine Treatment of Anther-Derived Maize Callus", Theoretical and Applied Genetics, 77:889-892, 1989 38 Wright, Harold (1980) "Commercial Hybrid Seed Production", Hybridization of Crop Plants, Ch. 8:161-39 Wych, Robert D. (1988) "Production of Hybrid Seed", Corn and Corn Improvement, Ch. 9, pp. 565-607 40 Hoffbeck, Mark David, INBRED MAIZE LINE PH5W4, U.S. Serial No. 09/759,762 filed 01/12/2001 Hoffbeck, Mark David, INBRED MAIZE LINE PH3RC, U.S. Serial No. 10/270,929 filed 10/15/2002 41 42 Wilson et al., INBRED MAIZE LINE PH8CW, U.S. Serial No. 10/270,930 filed 10/15/2002 Hoffbeck, Mark David, INBRED MAIZE LINE PH70R, U.S. Serial No. 10/271,123 filed 10/15/2002

Examiner	Date	٦
Signature	Considered	ı

Substitute for form 1449B/PTO Complete if Known 10/769,576 **Application Number** Filing Date January 30, 2004 INFORMATION DISCLOSURE WILSON, William Andrew First Named Inventor STATEMENT BY APPLICANT Group Art Unit (Use as many sheets as necessary) **Examiner Name** Sheet of Attorney Docket Number P06647US00 - 1865 NON PATENT LITERATURE DOCUMENTS Cite No. 1 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. Examiner Initials * 44 (DO NOT PUBLISH) U.S. Serial No. 10/272,364 filed 10/15/2002 45 (DO NOT PUBLISH) U.S. Serial No. 10/355,633 filed 01/31/2003 46 (DO NOT PUBLISH) U.S. Serial No. 10/355,842 filed 01/31/2003 Examiner Date Signature Considered